

1 4. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task,
4 wherein the element is selected from the group consisting of a casing, a
5 liner, a tubing, and a pipe.

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1 5. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task,
4 wherein the element includes a sand screen.

1 6. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task; and
4 a shock absorber including the element.

1 7. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task; and
4 a releasable connector mechanism including the element.

1 8. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task; and
4 an explosive component including the element.

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1 10. (Amended) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task; and
4 a weak point connector including the element.

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11. (Amended) An apparatus for use in a wellbore, comprising:
an element formed of a superplastic material to perform a predetermined
downhole task; and
a heating device to heat the element to a temperature sufficient to cause
the element to exhibit superplastic behavior.

Add the following claims:

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27. (New) The apparatus of claim 2, wherein the element is adapted to
translate the seal into engagement with a downhole structure.
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28. (New) The apparatus of claim 27, comprising a packer.
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29. (New) The apparatus of claim 27, comprising a patch.
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30. (New) The apparatus of claim 27, further comprising a heating device to
heat the superplastic material to a temperature such that the element exhibits superplastic
behavior.
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31. (New) The apparatus of claim 30, further comprising a piston adapted to
cause translation of the element.
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32. (New) The apparatus of claim 30, wherein the heating device comprises a
propellant.
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33. (New) The apparatus of claim 2, further comprising a conduit, wherein the
element comprises a plug to block fluid flow in a bore of the conduit.
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34. (New) The apparatus of claim 33, further comprising a port to
communicate fluid pressure to deform the plug inwardly to enable movement of the plug.

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35. (New) The apparatus of claim 3, wherein the component comprises a packer including the anchor.

36. (New) The apparatus of claim 35, wherein the packer further comprises a seal,
wherein the element comprises one or more sleeves attached to the anchor and the seal, the one or more sleeves adapted to translate the anchor and seal into engagement with a downhole structure.


37. (New) The apparatus of claim 4, further comprising a heating device to heat the element to a temperature such that the element exhibits superplastic behavior.

38. (New) The apparatus of claim 5, further comprising a heating device to heat the sand screen to a temperature such that the sand screen exhibits superplastic behavior.

39. (New) The apparatus of claim 11, wherein the heating device comprises a propellant.

40. (New) An apparatus for use in a wellbore, comprising:
an element formed of a superplastic material to perform a predetermined downhole task; and
a fishing tool for a downhole conduit structure, the fishing tool comprising the element.

41. (New) The apparatus of claim 40, wherein the element is adapted to expand to engage an inner well of the conduit structure.



1 42. (New) An apparatus for use in a wellbore, comprising:
2 an element formed of a superplastic material to perform a predetermined
3 downhole task; and
4 a junction seal assembly comprising the element.

1 43. (New) The apparatus of claim 42, wherein the element comprises one of a
2 tubing and pipe to be inserted into a lateral wellbore.
